

**REMARKS / ARGUMENTS**

Claim 50 has been amended to recite that at least two pistons extend from one end of a slide body and that bearing surfaces along sides of the central portion of the slide body and the housing provide for linear reciprocation of the pistons. This amendment distinguishes Claim 1 and all of the claims depending therefrom for either Waissi or Collins. Waissi discloses an engine with oppositely facing double headed pistons. Side by side pistons are part of separate members. Waissi cannot be relied upon to reject Claim 50 or claims 51-57 and 60-62, as amended.

Collins discloses an engine in which the bearing surfaces engage piston rods. An engine with oppositely facing pistons as part of a one piece slide body could not employ such a bearing surface.

Claim 58 has been amended to recite that the gear bearings are one piece members with gears and inclined surface being part of that one-piece member. Hawkins does not disclose gear bearings of this type. Hawkins discloses standard tapered roller bearings that perform the bearing function on opposite sides of conventional gears.

Claims 63-69 have also been amended to state that the valves are linearly reciprocal. Gernandt et al. discloses a rotary valve, and the valve acutation means of Gernandt et al. would not teach one of ordinary skill in the art the structure of these claims.

New Claim 70 is based on original Claim 57. Admittedly, new claim 70 does not incorporate all of the limitations of original Claim 57 and Claim 50 upon which it depended. However, the basis for the indication of allowance of the substance of Claim 57 are believed to be equally applicable to new Claim 70.


Specifically, new Claim 70 does not include the limitation that the slide body and the pistons comprise a one piece member. Furthermore, new Claim 70 refers to a rotating member instead of a rotating disk. New claim 70 also does not specifically require that the first electromagnetic member be included on the rotating disk or member. Instead new Claim 70 states that the first electromagnetic member is rotatable in response to linear movement of the slide body.

It is believed that new Claim 70 is allowable for the same reasons that supported the allowable subject matter as indicated in Claim 57, and that the

specification as originally filed supports new Claim 70, even though new Claim 70 would be broader in some respects than original dependent Claim 57.

The claims as amended are believed to be allowable over the art relied upon in this rejection, and the application is now believed to be in allowable condition. Issuance of a Notice of Allowance is therefore courteously solicited.

Respectfully Submitted:



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